

## Annex 1 to ToR for GIS Establishment: Standard Data Catalogue for PEZA EID GIS

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
<b>Mactan Island</b>	Coastline	Image of the island			Google	Use Satellite image
	ForeshoreLeaseArea	Polygon	Area	m <sup>2</sup>	MEZ-EMD	
	DRMInfraStructure	Point	<b>GUID</b>	<b>Zone+Type+No</b>		include Objects in the EcoZone  Look-up-table (LUT) to include communication details etc. (IMS – Information Management System)
			Type	Hospital		
				Police Station		
				Fire Station		
			Name			
			No			
			Location	inside Zone		
				outside Zone		
<b>MEZ (Mactan Economic Zone)</b>	Boundaries	Polygon	EcoZone (Industrial Area)	PEZA Code	MEZ EMD	to be cross checked with TotalAreaInHectares of Ecozone table in IMS Database
			DistAirport	in km		Distance to next Airport from PEZA Admin Building (here MIAA) / to be retrieved from GoogleEarth by

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
						PEZA
			DistPort	in km		Distance to next Port from PEZA Admin Building (here CIP) / to be retrieved from GoogleEarth by PEZA
	plots	Polygon	EcoZone	PEZA Code	MEZ EMD	
			oldPlotNumber	official plot Number		
			newPlotNumber	official plot Number		
			GUID	EcoZone + NewPlotNumber		Link to IMS Database with an extra LUT GUID / Locator; Locator will provide link to establishment table of IMS. coordinate with Consultant, MIS, ESG, EMD and FISD
			Owner	PEZA / MCIAA / <others>		similar to Phase 1 (PEZA) and 2 (MCIAA)
			Address	Road and No		
			Type	PEZA (used by) Locator (used by)		

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
				InfrastructureService (STP, MRF etc)		
				DRM (Police, Hospital, Fire Fighters)		
				Public (roads etc.)		
				SocialService (Bank, Canteen etc.)		
				Other		
			CurrentStatus	rented / used		
				vacant		
			NearestGate	No of Gate		
			DistGate	distance to nearest Gate on roads in m		
			NearestHydrant	GUID		
			DistHyd	distance to nearest Hydrant on roads in m		
			NearestHospital	GUID		
			GateToHospital	No of Gate		
			DistanceToHospital	Distance to Gate + Distance from Gate to		

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
				Hospital		
			NearestFirestation	GUID		outside the zone
			GateToFirestation	No of Gate		
			DistanceToFirestation	Distance to Gate + Distance from Gate to Firestation		
			NearestPolicestation	GUID		outside the zone
			GateToPolicestation	No of Gate		
			DistanceToPolicestation	Distance to Gate + Distance from Gate to Policestation		
			Area	m <sup>2</sup>		
	Lots	Point	as polygon theme		Polygon Theme	(as footprint)
	Landuse	Polygon	TypeLandUse	Road (including sidewalk)	MEZ EMD survey	Polygon for Elements wider / bigger than 5m in Length and width
Parking						
other paved						
Building (see field TypeBuilding)						

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
				Woods		
				Public Park		
				Waterbody		
				Lawn		
				not used		
				WasteManagement		
				Leisure		
			TypeBuilding	Production		
				Administration		
				Storage		
				WSS		
				Electricity		
				Waste Management		
				Hospital		
				Fire Station		
				Police Station		

Theme extension / Layer	Type	Attributes	Codeplan	Data Sources	Remarks
			Social Services		
			Bank		
			Catering / Canteen		
			School		
			Residential		
			other		
		OwnerBuilding	PEZA		
			<Company or external Owner Name> - check IMS whether already listed there for correct spelling		
		NoOfFloors			
		Owners / Leasers			1-n relationship on Building – separate table indicating type (Owner / leaser), Floor and Identity – cross-check with IMS establishments table for correct spelling.

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
			NameLandUse	if any specific name of the object to be displayed on maps		
			Area	m <sup>2</sup>		
	Landuse	Polyline	TypeLandUse	see above +		Polyline for Elements smaller than 5m in width; in cases of roads crossings are nodes separating roads from one another / every road should be representatd as linear element as well
			PeriMeterFence			
			GateNumber			LuT for Gate number and no and distances to nearest Hospital, Policestation and Firestation
			NameLandUse	Roadname		
				Creekname		
			Name2LandUse	Blocks in case of roads		
			Width	in m		

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
			Length	in m		
	Landuse	Point	TypeLandUse	see above		Point for Elements smaller than 5m in Length and width
				Tree		
	WaterAndWasteWater	Polyline	System	Sewer	PEZA EMD (Mactan Rock, MCWD)	
				Drainage		
				Water		
				WaterReUse		
			Dimension	Diameter		
			Owner	PEZA		
				Mactan Rock		
				MCWD		
			Length	m		
	WaterAndWasteWater	Point	System	as above	MEZ EMD	
			Type	LiftStation		
				PumpingStation		
				Outlet		
				SolidsSeparator		



Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
				SamplingPoint		
				JunctionBox		
				Manhole		
				DischargePoint		
				FireHydrant		
				Valve		
				FireTank		
				Metering		
			Capacity	Volume of Fire Tanks		
			GUID	EZ+Type+No		
	WaterAndWasteWater	Polygon	System	as above		
			Type	STP		
				WRP		
				Water Tanks		
				other structures belonging to the systems		
			Area	m <sup>2</sup>		
	ElectricitySupply	Polygon	Type	TransformerStation		

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
				SubStation		
				Powerplant		
			Voltage			
			Owner			
	ElectricitySupply	Polyline	Type			
			Owner			
			Voltage			
			Length	m		
	ElectricitySupply	Point	Type	Lamp posts		
				Metering		
	Surface	Polyline	Elevation		Satellite image	
	Surface	Point / Grid	Elevation		Satellite image	
	Surface	Point	Elevation		from survey during sewer refurbishment	
	Documentation	Point	TypeDocument			will be filled by FISD

Theme extension /	Layer	Type	Attributes	Codeplan	Data Sources	Remarks
			LinkDocument			
			Description			
	Monitoring	Point	Identification		MEZ EMD	
			Sampler	MMT	MMT	
				Locator	Locators	
				other		
			TypeSampling			